

CONTENTS OF VOLUME 10

Number 1

- S.J. Watson and E.J. Maly (Canada)*
Thiocyanate toxicity to *Daphnia magna*: modified by pH and temperature (AQT 00236) 1
- S.E. Shumway and T.E. Cucci (U.S.A.)*
The effects of the toxic dinoflagellate *Protogonyaulax tamarensis* on the feeding and behaviour of bivalve molluscs (AQT 00232) 9
- S.C.J. Pedder and E.J. Maly (Canada)*
The effect of avoidance on the plasma-cation concentration of brook trout (*Salvelinus Fontinalis*) subjected to varying levels of acidity (AQT 00233) 29
- B.D. Jimenez, C.P. Cirno and J.F. McCarthy (U.S.A.)*
Effects of feeding and temperature on uptake, elimination and metabolism of benzo(a)pyrene in the bluegill sunfish (*Lepomis macrochirus*) (AQT 00235) 41
- Literature Alert* 59
- Editors' acknowledgement* 71

Number 2,3

- L.W. Hall, Jr., W.S. Hall, S.J. Bushong and R.L. Herman (U.S.A.)*
In situ striped bass (*Morone saxatilis*) contaminant and water quality studies in the Potomac River (AQT 00234) 73
- K. Pynnönen, D.A. Holwerda and D.I. Zandee (The Netherlands)*
Occurrence of calcium concretions in various tissues of freshwater mussels, and their capacity for cadmium sequestration (AQT 00238) 101
- J.W. Deneer, T.L. Sinnige, W. Seinen and J.L.M. Hermens (The Netherlands)*
Quantitative structure-activity relationships for the toxicity and bioconcentration factor of nitrobenzene derivatives towards the guppy (*Poecilia reticulata*) (AQT 00237) 115
- K. Day and N.K. Kaushik (Canada)*
The adsorption of fenvalerate to laboratory glassware and the alga *Chlamydomonas reinhardtii*, and its effect on uptake of pesticide by *Daphnia galeata mendotae* (AQT 00239) 131
- P.W. Wester and J.H. Canton (The Netherlands)*
Histopathological study of *Poecilia reticulata* (guppy) after long-term exposure to bis(tri-*n*-butyltin)oxide (TBTO) and di-*n*-butyltin dichloride (DBTC) (AQT 00241) 143
- Literature Alert* 167

Number 4

- J.M. Mayasich, E.P. Karlander and D.E. Terlizzi, Jr. (U.S.A.)*
Growth responses of *Nannochloris oculata* Droop and *Phaeodactylum tricornutum* Bohlin to the herbicide atrazine as influenced by light intensity and temperature in unialgal and bialgal assemblage (AQT 00243) 187

<i>V.S. Blazer, R.E. Wolke, J. Brown and C.A. Powell (U.S.A.)</i>	
Piscine macrophage aggregate parameters as health monitors: effect of age, sex, relative weight, season and site quality in largemouth bass (<i>Micropterus salmoides</i>) (AQT 00242)	199
<i>R.W. Winner and T.C. Whitford (U.S.A.)</i>	
The interactive effects of a cadmium stress, a selenium deficiency and water temperature on the survival and reproduction of <i>Daphnia magna</i> Straus (AQT 00244)	217
<i>D.S. McLusky and L. Hagerman (U.K. and Denmark)</i>	
The toxicity of chromium, nickel and zinc: effects of salinity and temperature, and the osmoregulatory consequences in the mysid <i>Praunus flexuosus</i> (AQT 00245)	225
<i>D.F. Millie and C.M. Hersh (U.S.A.)</i>	
Statistical characterizations of the atrazine-induced photosynthetic inhibition of <i>Cyclotella meneghiniana</i> (Bacillariophyta) (AQT 00247)	239

Number 5,6

<i>R.P. Lanno, B. Hicks and J.W. Hilton (Canada)</i>	
Histological observations on intrahepatocytic copper-containing granules in rainbow trout reared on diets containing elevated levels of copper (AQT 00246)	251
<i>J.S. Goudey (Canada)</i>	
Modeling the inhibitory effects of metals on phytoplankton growth (AQT 00248)	265
<i>J.S. Weis, R. Cohen and J.K. Kwiatkowski (U.S.A.)</i>	
Effects of diflubenzuron on limb regeneration and molting in the fiddler crab, <i>Uca pugilator</i> (AQT 00249)	279
<i>P.-A. Thompson, P. Couture, C. Thellen and J.-C. Auclair (Canada)</i>	
Structure-function relationships for monitoring cellular stress and recovery responses with <i>Selenastrum capricornutum</i> (AGT 00250)	291
<i>J.P. Boon, P.J.H. Reijnders, J. Dols, P. Wensvoort and M.T.J. Hillebrand (The Netherlands)</i>	
The kinetics of individual polychlorinated biphenyl congeners in female harbour seals (<i>Phoca vitulina</i>), with evidence for structure-related metabolism (AQT 00251)	307
<i>E. Conti (France)</i>	
Acute toxicity of three detergents and two insecticides in the lugworm, <i>Arenicola marina</i> (L.): a histological and a scanning electron microscopic study (AQT 00252)	325
<i>P.A. Johnston (U.K.)</i>	
Acute toxicity of inorganic selenium to <i>Daphnia magna</i> (Straus) and the effect of sub-acute exposure upon growth and reproduction (AQT 00253)	335
<i>Announcement</i>	353
<i>Contents of Volume 10</i>	355
<i>Author index</i>	357